

## Refine Search

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Terms	Documents
L7 and (schedul\$ with manag\$)	8

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US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L8





### Search History

DATE: Monday, September 27, 2004    [Printable Copy](#)    [Create Case](#)

**Set Name Query**  
side by side

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result set

DB=EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L8    L7 and (schedul\$ with manag\$)    8    L8

L7    "client-server" and @pd<=20000426    1207    L7

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L6    "client-server" and @pd<=20000426    1365    L6

L5    L4 and 705/26,27.ccls.    3    L5

L4    L3 and ("client-server".ab.)    123    L4

L3    L1 and ("client-server".clm.)    199    L3

L2    L1 and ("client-server")    946    L2

L1    (client with server).clm. and (client with server).ab.    2814    L1

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L8: Entry 1 of 8

File: JPAB

Mar 21, 2000

PUB-NO: JP02000081986A

DOCUMENT-IDENTIFIER: JP 2000081986 A

TITLE: METHOD FOR MANAGING JOB IN CLIENT-SERVER TYPE OPERATION PROCESSING SYSTEM  
AND RECORDING MEDIUM STORING PROGRAM FOR THE METHOD

PUBN-DATE: March 21, 2000

## INVENTOR-INFORMATION:

NAME

COUNTRY

MATSUURA, TORU

ISHIKAWA, YORIO

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

HITACHI INFORMATION SYSTEMS LTD

APPL-NO: JP10251715

APPL-DATE: September 7, 1998

INT-CL (IPC): G06 F 9/46; G06 F 1/00; G06 F 15/00

## ABSTRACT:

PROBLEM TO BE SOLVED: To realize a job management method capable of efficiently processing batch processing followed by data base access in a client-server type system.

SOLUTION: A server 20 classifies jobs of which start is requested based on processing performance so that jobs of a 1st class are instantaneously started and jobs of a 2nd class are temporarily registered in execution waiting queues 34, 35, plural jobs are simultaneously executed by a job execution management system 30 and jobs of a 3rd class are started based on an execution schedule table previously set in the server 20. A job management system 30 is provided with a job execution state display function (9), an execution state inquiring function, (8) and job execution order changing functions (11), (12).

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L8: Entry 2 of 8

File: TDBD

Aug 1, 1995

TDB-ACC-NO: NN950849

DISCLOSURE TITLE: Work-Load Scheduling

## PUBLICATION-DATA:

IBM Technical Disclosure Bulletin, August 1995, US

VOLUME NUMBER: 38

ISSUE NUMBER: 8

PAGE NUMBER: 49 - 54

PUBLICATION-DATE: August 1, 1995 (19950801)

CROSS REFERENCE: 0018-8689-38-8-49

## DISCLOSURE TEXT:

This document contains drawings, formulas, and/or symbols that will not appear on line. Request hardcopy from ITIRC for complete article. Provided is a Work-Load Manager and a work load scheduling or balancing method which are suitable for distributing the load of a variable number of work items across a variable number of server tasks with minimum processing overhead. The method can be optimized for certain operating environments by preferentially loading servers in an order which minimizes server task switching. A stream of similar but unrelated Work Items must be distributed between a set of Server Tasks with the minimum of processing overhead. The number of Server Tasks available may vary from 1 to many thousands, as may the maximum number of concurrent Work Items, the number of each being set by a system administrator prior to start-up. A general solution is required that will evenly distribute the Work Items between the Server Tasks. Known systems either employ single 'round-robin' sequential scheduling (which makes no provision against task switching overhead nor the possibility of processing delays where a particularly large Work Item is being processed and further Work Items are queued behind it), or have more complex schemes (with higher processing overhead) which take account of the resource requirements of the Work Items and the ability of the Servers to process them.

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L8: Entry 3 of 8

File: DWPI

Jan 28, 2000

DERWENT-ACC-NO: 2000-186870

DERWENT-WEEK: 200019

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TITLE: Schedule management assistance apparatus for client-server system, has adjustment process execution unit to recondition conference establishment based on interpretation result from user terminal

PATENT-ASSIGNEE: NEC CORP (NIDE)

PRIORITY-DATA: 1998JP-0199395 (July 15, 1998)

Search Selected

Search ALL

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>JP 2000029939 A</u>	January 28, 2000		017	G06F017/60

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2000029939A	July 15, 1998	1998JP-0199395	

INT-CL (IPC): G06 F 17/60

ABSTRACTED-PUB-NO: JP2000029939A

## BASIC-ABSTRACT:

NOVELTY - Adjustment process program module establishes conference based on search result from conference room reservation unit (5). Notice section informs adjustment result in form of digital information to relevant conference established terminal. Adjustment process executing unit (4) is controlled to recondition conference establishment based on interpretation result from terminal in response to notification. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: control procedure of the conference schedule management assistance apparatus; conference schedule management assistance apparatus control program

USE - For client-server system for establishing conference among several users.

ADVANTAGE - Since the conference establishment is reconditioned based on the interpretation result extracted from the answer obtained from the user terminals, in response to information about adjustment of conference establishment, the overall processing time can be reduced. Hence optimum conference schedule can be determined with ease. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of components in schedule management assistance apparatus. (4) Adjustment process executing unit; (5) Reservation unit.

ABSTRACTED-PUB-NO: JP2000029939A

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EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/7

DERWENT-CLASS: T01

EPI-CODES: T01-H07C5C; T01-H07C5S; T01-J05A2; T01-S03;

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File: DWPI

Feb 12, 1999

DERWENT-ACC-NO: 1999-195205

DERWENT-WEEK: 199917

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TITLE: Service data management system for goods transaction systems - carries out assigned task in scheduled time by server when on specific control information is input by client

PATENT-ASSIGNEE: FUJITSU GENERAL LTD (GENH)

PRIORITY-DATA: 1997JP-0194547 (July 18, 1997)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">JP 11039199 A</a>	February 12, 1999		011	G06F012/00

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 11039199A	July 18, 1997	1997JP-0194547	

INT-CL (IPC): G06 F 12/00

ABSTRACTED-PUB-NO: JP 11039199A

## BASIC-ABSTRACT:

NOVELTY - In a client-server system, the client (1) inputs data on sales and purchase of goods as well as control information such as holding period of such data, its processing method to server (5) via the communication circuit (10). Based on the control information, the server carries out assigned tasks at scheduled time.

USE - For database systems.

ADVANTAGE - Clearing of data after a specific holding period is carried out automatically. Enables to perform updating process in schedule time. DESCRIPTION OF DRAWING(S) - The figure shows the system block diagram of the transaction system. (1) Client; (5) Server; (10) Communication circuit.

ABSTRACTED-PUB-NO: JP 11039199A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/6

DERWENT-CLASS: T01

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L8: Entry 5 of 8

File: DWPI

Feb 2, 1999

DERWENT-ACC-NO: 1999-177062

DERWENT-WEEK: 199915

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TITLE: Delivery system using client-server method for transportation business - uses allocation and delivery managing units to determine schedule by which partner designated by partner information unit is to be confirmed

PATENT-ASSIGNEE: AKABO YAMAGUCHIKEN KEIJIDOSHA UNSO KYODO (AKABN)

PRIORITY-DATA: 1997JP-0185587 (July 10, 1997)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">JP 11031177 A</a>	February 2, 1999		017	G06F017/60

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 11031177A	July 10, 1997	1997JP-0185587	

INT-CL (IPC): G06 F 17/60; G08 G 1/13

ABSTRACTED-PUB-NO: JP 11031177A

## BASIC-ABSTRACT:

NOVELTY - The union information unit receives the contents of a delivery request coming from a shipper. The corresponding partner who can deliver based on the received request is determined by the partner information unit. The schedule by which the designated partner is to be confirmed is then determined by the allocation and delivery managing units, respectively. DETAILED DESCRIPTION - A server is provided with a union information unit (31) that manages detailed information of a particular association, while a partner information unit (32) manages the information pertaining to partnerships. The information regarding the schedule by which cars are to be allocated to that particular partner is managed by an allocation managing unit (34), while a delivery managing unit (35) manages the corresponding delivery information.

USE - For transportation business.

ADVANTAGE - Simplifies processing of information regarding allocation and delivery of needed vehicles. Improves network-based communication between shipper and supplier. DESCRIPTION OF DRAWING(S) - The figure shows the functional block diagram of the delivery system. (31) Union information unit; (32) Partner information unit; (34) Allocation managing unit; (35) Delivery managing unit.

ABSTRACTED-PUB-NO: JP 11031177A  
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/21

DERWENT-CLASS: T01 T07 W01

EPI-CODES: T01-J05A2; T01-M02A1B; T07-A05A3; W01-A06E2A;

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L8: Entry 6 of 8

File: DWPI

May 16, 1997

DERWENT-ACC-NO: 1997-324913

DERWENT-WEEK: 199730

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TITLE: Distributed schedule management appts in client-server type communication system - includes service movement notification unit which performs notification of possible schedule of user, obtained by schedule search unit to all other users

PATENT-ASSIGNEE: TOSHIBA KK (TOKE)

PRIORITY-DATA: 1995JP-0283303 (October 31, 1995)

Search Selected

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <u>JP 09128450 A</u>	May 16, 1997		018	G06F017/60

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 09128450A	October 31, 1995	1995JP-0283303	

INT-CL (IPC): G06 F 13/00; G06 F 17/60

ABSTRACTED-PUB-NO: JP 09128450A

## BASIC-ABSTRACT:

The appts includes a number of personal computers which are provided corresponding to each user respectively. The schedule of the respective user is input into the corresponding personal computer. All the personal computers are connected to a network. When one user requests to see the schedule of an other user, a schedule management part exhibits a required information. A schedule search unit searches for schedule of the user when the schedule adjustment is required, and presents a possible schedule of the user who should participate in a conference, according to the availability of the user.

A group data management unit holds a required data as a group data for operating the schedule search unit according to the group to which the member belongs. A service movement notification unit performs a notification of the possible schedule obtained by the schedule search unit to all other users.

ADVANTAGE - Enables to refer schedule of other user managed by computer during shut down.

ABSTRACTED-PUB-NO: JP 09128450A

## EQUIVALENT-ABSTRACTS:

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CHOSEN-DRAWING: Dwg.1/12

DERWENT-CLASS: T01 W01

EPI-CODES: T01-H07C5S; T01-J05A2; T01-J05B4A; W01-A06E;

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File: DWPI

Jan 17, 1997

DERWENT-ACC-NO: 1997-137158

DERWENT-WEEK: 199713

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TITLE: Client-server type parallel batch processing system - includes batch job execution part to perform automatic execution of batch job stored in execution management table in parallel at execution schedule time

PATENT-ASSIGNEE: NIPPON TELEGRAPH & TELEPHONE CORP (NITE), NTT DATA TSUSHIN KK (NITE)

PRIORITY-DATA: 1995JP-0165900 (June 30, 1995)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> JP 09016521 A	January 17, 1997		008	G06F015/00

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 09016521A	June 30, 1995	1995JP-0165900	

INT-CL (IPC): G06 F 1/00; G06 F 13/00; G06 F 15/00; H04 L 12/40

ABSTRACTED-PUB-NO: JP 09016521A

## BASIC-ABSTRACT:

The system assigns several batch jobs from a server terminal (1) to several client terminals (2a-2n). A schedule information containing the transit condition and the execution schedule time of each one of the batch job. An execution management table (17) stores the formed schedule information for every client terminal.

The client terminals are equipped with an execution management control part (22) and a batch job execution part (23). The batch job and execution part performs the automatic execution of the batch job stored in the execution management table in parallel at the execution schedule time according to the transit conditions.

ADVANTAGE - Processes batch jobs efficiently. Enables easier development of support program or implementation state program.

ABSTRACTED-PUB-NO: JP 09016521A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/9

DERWENT-CLASS: T01 W01

EPI-CODES: T01-H07C5S; T01-M02A1B;

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File: DWPI

Aug 16, 2003

DERWENT-ACC-NO: 1995-226559

DERWENT-WEEK: 200364

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TITLE: Architecture for data management with multiple users - has batch scheduling function which automatically executes given tasks and distributes load

INVENTOR: BRICE, T J; DREXEL, R J ; MITCHELL, C A

PATENT-ASSIGNEE: AMERICAN AIRLINES INC (AMAIN), SABRE INC (SABRN), SABRE GROUP INC (SABRN)

PRIORITY-DATA: 1993US-0172046 (December 22, 1993), 1996US-0664330 (June 14, 1996)

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## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> <a href="#">ES 2190785 T3</a>	August 16, 2003		000	G06F017/60
<input type="checkbox"/> <a href="#">EP 660251 A2</a>	June 28, 1995	E	017	G06F017/60
<input type="checkbox"/> <a href="#">CA 2137167 A</a>	June 23, 1995		000	G06F015/40
<input type="checkbox"/> <a href="#">EP 660251 A3</a>	November 13, 1996		000	G06F017/60
<input type="checkbox"/> <a href="#">US 5764981 A</a>	June 9, 1998		000	G06F015/20
<input type="checkbox"/> <a href="#">CA 2137167 C</a>	September 21, 1999	E	000	G06F017/30
<input type="checkbox"/> <a href="#">EP 660251 B1</a>	November 27, 2002	E	000	G06F017/60
<input type="checkbox"/> <a href="#">DE 69431784 E</a>	January 9, 2003		000	G06F017/60

DESIGNATED-STATES: AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE AT BE CH DE DK ES  
 FR GB GR IE IT LI NL PT SE

CITED-DOCUMENTS: No-SR.Pub; 1.Jnl.Ref ; EP 455825 ; GB 2248370 ; WO 9206439 ; WO 9310502

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
ES 2190785T3	December 21, 1994	1994EP-0309633	
ES 2190785T3		EP 660251	Based on
EP 660251A2	December 21, 1994	1994EP-0309633	
CA 2137167A	December 2, 1994	1994CA-2137167	
EP 660251A3	December 21, 1994	1994EP-0309633	

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US 5764981A	December 22, 1993	1993US-0172046	Cont of
US 5764981A	June 14, 1996	1996US-0664330	
CA 2137167C	December 2, 1994	1994CA-2137167	
EP 660251B1	December 21, 1994	1994EP-0309633	
DE 69431784E	December 21, 1994	1994DE-0631784	
DE 69431784E	December 21, 1994	1994EP-0309633	
DE 69431784E		EP 660251	Based on

INT-CL (IPC): G06 F 15/163; G06 F 15/20; G06 F 15/40; G06 F 17/30; G06 F 17/60; G06 F 153:02

ABSTRACTED-PUB-NO: EP 660251A

BASIC-ABSTRACT:

The architecture includes a mass data storage connected to a communications server process. An end user configuration is connected to the communications device. The configuration has several processing functions, several requesting functions, and several report generating functions. The mass data storage is one or more central information repositories.

The configuration is a local area network. The storage is connected to a client-server platform for access to and manipulation of data. A database server platform is connected to the local area network. It processes data from a central reservation system.

USE/ADVANTAGE - For accounting information or airlines. Operates in real-time. Improved efficiency using mixed platform environment.

ABSTRACTED-PUB-NO: US 5764981A

EQUIVALENT-ABSTRACTS:

The architecture includes a mass data storage connected to a communications server process. An end user configuration is connected to the communications device. The configuration has several processing functions, several requesting functions, and several report generating functions. The mass data storage is one or more central information repositories.

The configuration is a local area network. The storage is connected to a client-server platform for access to and manipulation of data. A database server platform is connected to the local area network. It processes data from a central reservation system.

USE/ADVANTAGE - For accounting information or airlines. Operates in real-time. Improved efficiency using mixed platform environment.

CHOSEN-DRAWING: Dwg.1/8

DERWENT-CLASS: T01

EPI-CODES: T01-F02A; T01-J05B4; T01-M02A1;

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